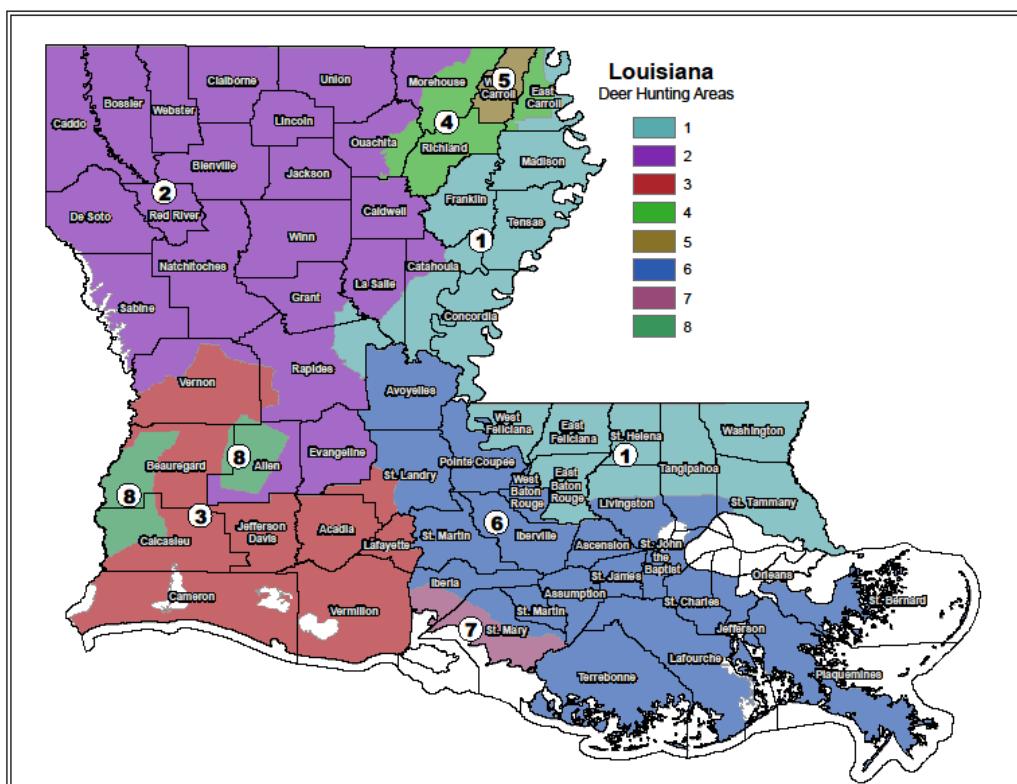


Louisiana Annual Deer Report
2010-2011

Introduction

The Louisiana deer program is administered by the Office of Wildlife and implemented through 6 field offices where wildlife biologists and technicians perform year round research and management activities on public and private lands. For hunting season purposes, the state presently is divided into 8 deer Areas (Figure 1).



Seasons are set according to general breeding periods, habitats, weapons, and hunting methods. Louisiana has a statewide limit of 3 antlered and 3 antlerless deer per year. Antlerless deer may be taken during the entire season except in a portion of the Atchafalaya basin, East Carroll and all of West Carroll, where there are limited and specific days for antlerless harvest. All deer must be tagged prior to being moved from the harvest site.

All deer must be reported through the phone or internet system, a wildlife management area (WMA) worker, or the Deer Management Assistance Program (DMAP). This harvest information along with other data is used to develop deer seasons and regulations.

Harvest

General comments from LDWF private lands biologists

Along the Mississippi river, 2011 spring flooding in the batture is expected to impact fawn recruitment, antler growth, and body weights for the upcoming season. This is the second major flood in 4 years. The percentage of mature bucks in the harvest on DMAP lands in northeast Louisiana has increased over the past 5 years. This also seems to be the case on non DMAP lands. This could be related to the tagging system, hunter preference, advancement in "hunting technology" (deer cameras etc.), or most likely a mixture of several factors (John Hanks).

The historic 2011 spring flood of the Mississippi River caused only the 2nd opening in history of the Morganza Floodway. Although a slow rise was predicted in the floodway area south of Morganza, at one point water levels rose quickly, resulting in substantial deer mortality. The habitat also was impacted by the high water. Vegetation was set back and carrying capacity was temporarily reduced. Many deer were driven out of the floodway. As the habitat recovers, deer are returning to their home ranges and fawns are being born primarily in July and August in these areas. Recruitment may be impacted due to the stress that the females endured while displaced. Close monitoring of habitat conditions and recruitment are important in the coming months. No long term negative impacts are expected due to the flood. In fact, lower deer densities in some areas may have a positive impact on growth, development , and productivity (Scott Durham).

Hunters reported that the rut was early, hard, and quick in Rapides, Grant, Evangeline, and Vernon. Overall, a lot of deer were seen and passed, up but fewer bucks were seen than last year. Comments concerning hunter success were very good overall, similar to the past two years (David Hayden).

Mail survey

Each year, a 6% sample of licensed hunters between the ages of 16 and 59 receive a harvest survey by mail. Participants return the survey and statistics are compiled. Youth and senior hunters are not included in this survey, so estimates are best used for monitoring long term trends. The mail survey index for hunters and harvest for the 2010/11 season is 160,700 and 153,500 respectively. The hunter number index has been relatively stable the last few years. The harvest index was up 4% (Figure 1) slightly rebounding from last year. The harvest sex ratio according to the mail survey was 53% male, 47% female.

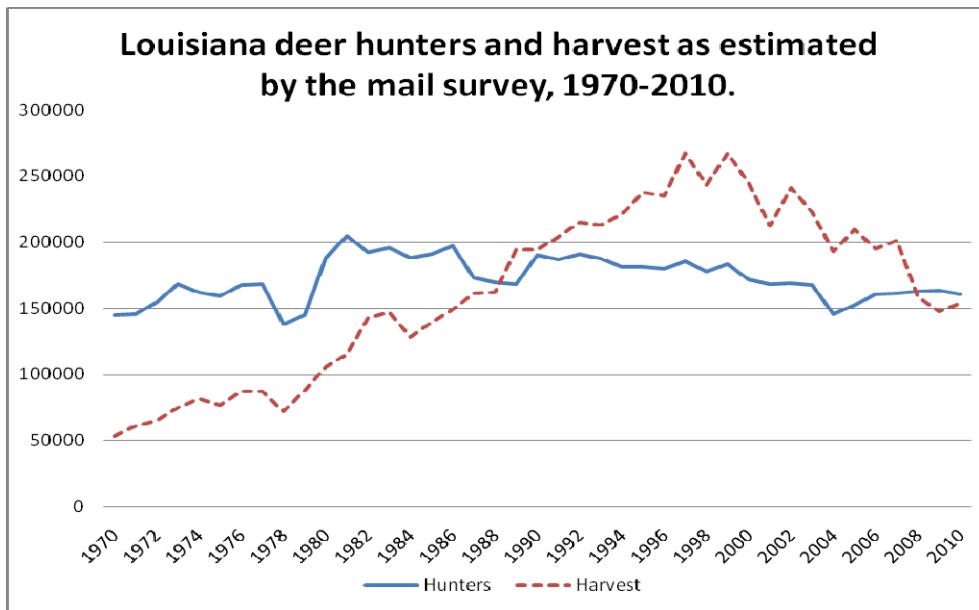
The harvest allocation by weapon type (Table 1) reveals that modern weapons are still by far the most effective method for harvesting deer in Louisiana.

Table 1.

Distribution of deer harvest by weapon type according to the mail survey estimate, 2010-11.

Weapon	Harvest	%
modern gun	118,600	77
primitive	18,300	12
bow	13,300	9
crossbow	3,300	2
Totals	153,500	

Figure 1.



Hunters experienced favorable weather conditions for deer hunting during most of the season. Relatively cold temperatures prevailed and there were no winter flooding events to reduce access or prevent hunters from attempting to harvest a deer. Past flooding events may have reduced recruitment in some southeast Louisiana swamps and marshes.

Human expansion and development also impact wildlife habitats and deer carrying capacity. We continue to observe fragmentation and an increase in exurbia in some areas of Louisiana. Forest management practices of the last decade have also impacted the landscape and reduced carrying capacities continue to be observed in some pine dominant parishes and regions. Hog populations may be high enough in some areas of the state to affect deer numbers through direct competition for food resources. Reports of hemorrhagic disease (EHD or BTV) always indicate that some populations may suffer sufficiently high mortality rates to impact harvest at local levels.

Internet/phone reporting results

This year was the third year of mandatory tagging and reporting of deer through the system. Results provide a count of male and female deer harvested by weapon type and parish on private and public lands. It is important for hunters to report their deer, so complete data are available for future deer management decisions. There were 224,725 sets of deer tags issued in 2010-11. A summary of the reported non-program private lands harvest along with the public lands, WMA managed hunts, and DMAP totals are presented by parish in Appendix 1. The top total harvest parishes are presented in Table 2. The top harvest parishes by forested acres per deer are presented in Table 3. The total harvest count from all sources of data is 104,832 down 2% from last year. The sex ratio of the 74,346 deer reported taken on non-program private lands was again 56% male and 44 % female.

Summary of harvest reporting by category, 2008-2010.

Year	Private	Public	WMA managed	DMAP	Total
2008/09	87237	8481	2877	17976	116571
2009/10	78444	9035	2335	17641	107455
2010/11	74346	9742	3004	17740	104832

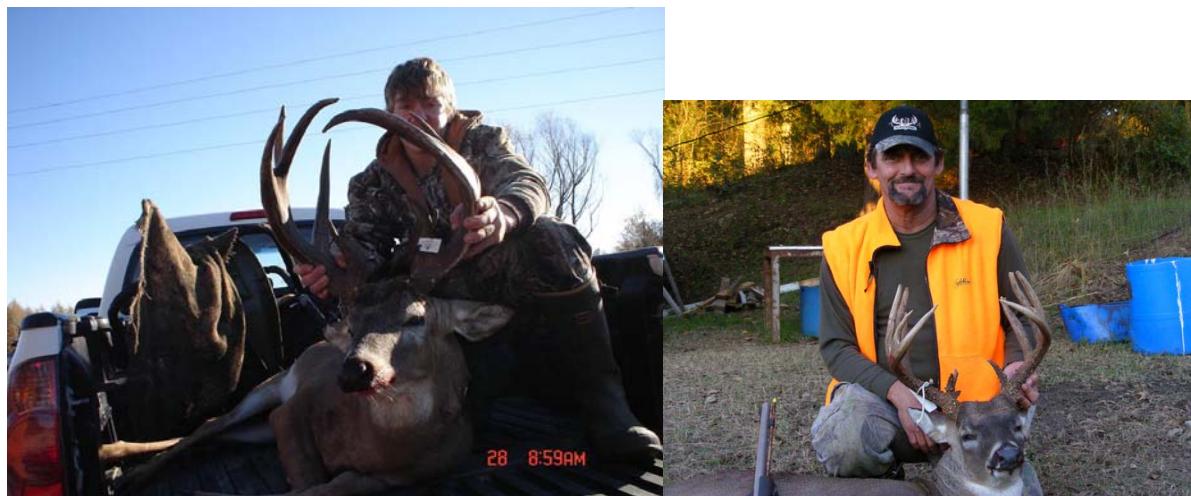


Table 2. Top 20 private lands harvest parishes in Louisiana derived from the reporting system through March 14, 2011.

Parish	Harvest	Parish	Harvest
Union	5630	Avoyelles	2824
Vernon	4908	Sabine	2788
Bienville	4339	Jackson	2781
Claiborne	4337	DeSoto	2755
Bossier	3543	W. Feliciana	2537
Iberville	3443	Beauregard	2431
Webster	3423	Rapides	2414
Natchitoches	3168	St. Landry	2377
Winn	2938	Morehouse	2305
Tensas	2910	Madison	2251

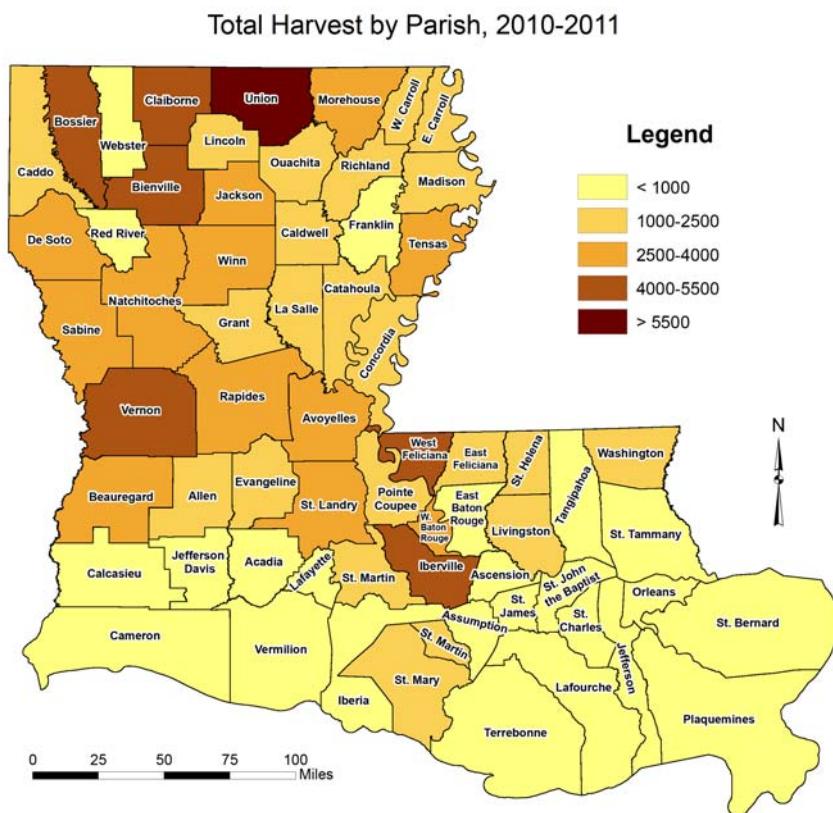
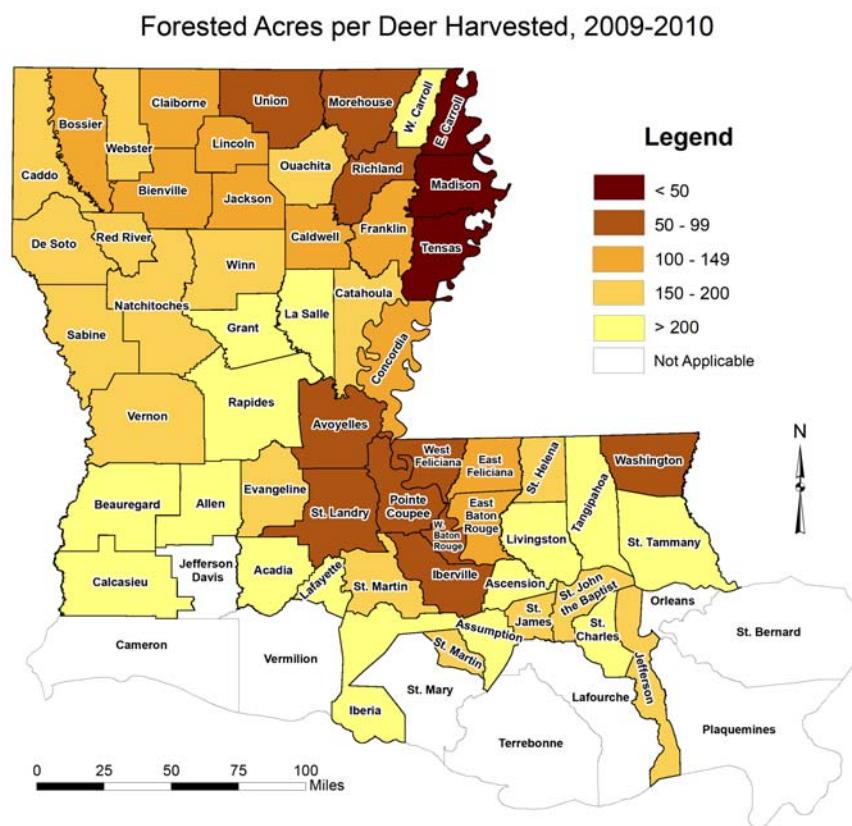


Table 3. Top 20 harvest parishes by forested acreage derived from the new reporting system through March 14, 2011.

Parish	Acres/deer	Parish	Acres/deer
E. Carroll	25	Richland	80
Tensas	39	Webster	84
Madison	47	Union	85
W. Baton Rouge	51	Claiborne	100
W. Feliciana	64	Concordia	102
Point Coupee	69	Bossier	103
Avoyelles	69	Bienville	104
St. Landry	70	Franklin	111
Iberville	75	Jackson	113
Morehouse	78	E. Feliciana	118



Mail survey vs. reporting system harvest-

The mail survey index of 153,500 is higher than the reporting system harvest of 104,832. Since the mail survey is a single mailing, there is the potential to bias the index. The mail survey index is best used to monitor trends over time and not as an absolute count. The new reporting system count likely is low due to less than 100% participation. It is possible that, due to a number of reasons, the statewide harvest from the reporting system will continue to be lower than the mail survey index.

Year	Mail survey est.		Reporting # (all sources)		Difference
2007/08	201,000		na		
2008/09	158,300	-0.21	116,571	na	26%
2009/10	147,300	-0.07	107,455	-0.08	27%
2010/11	153,500	0.04	104,832	-0.02	31%

Wildlife Management Areas-

The Department manages over 1,000,000 acres that provide deer hunting opportunity. Archery and either sex gun hunts are the primary methods for keeping deer numbers in balance with the habitat. Youth and handicapped hunts also are available on many areas. Bucks only seasons provide extended hunting opportunity and generally are held near or during rut. Harvest rates are highly variable on the WMAs according to deer physiographic region, habitat conditions, and hunter efforts. In some years WMA harvest rates equal or surpass intensively managed DMAP properties. On some WMAs, harvest rates are low due to habitat type, forest conditions, accessibility issues, or other management objectives. In general, WMA deer herds are managed in a way that helps insure long term forest regeneration, diversity, sustainability, and high deer quality. WMAs are not managed for maximum residual numbers, but rather maximum sustained harvest and recreational opportunity, which means deer herds at or below maximum biological carrying capacity.

Conditions were good for managed hunts this year. The recorded harvest for managed hunts was 3,019 deer on the WMAs this year (Table 4). Managed either-sex hunts had an average hunter success rate of 8.3 efforts per deer, the best hunter success rate ever recorded (Figure 2). The total recorded WMA harvest (including self clearing data (SCD) on most WMAs) was 6041 deer. The sex ratio of the managed hunt harvest was 53% male, 47% female. The sex ratio for the total WMA harvest, including SCD, was 57% male, 43% female.

Hunter success and harvest vary, sometimes substantially, from year to year. The long term trend for WMA hunter success illustrates fewer efforts needed to harvest a deer. Many exceptional deer were harvested on the WMAs.

Top WMA Bucks

Calculated for all clubs

All Districts

2010-11 Season

July 13, 2011

Rank	Club Name	Deer#	Rating	Age	Parish
1	Thistlcthwaite WMA	117	247.50	4	St. Landry
2	Thistlcthwaite WMA	125	239.53	3	St. Landry
3	Big Lake WMA	59	236.06	4	Tensas
4	Atchafalaya Delta	87	232.05	0	St. Mary
5	Red River/3 Rivers Wma	123	231.07	4	Concordia
6	Red River/3 Rivers Wma	23	216.97	4	Concordia
7	Buckhorn WMA	17	215.88	5	Tensas
8	Boeuf Wma	159	215.81	5	Caldwell
9	Red River/3 Rivers Wma	16	211.00	3	Concordia
10	Pearl River WMA	3	200.75	5	St. Tammany

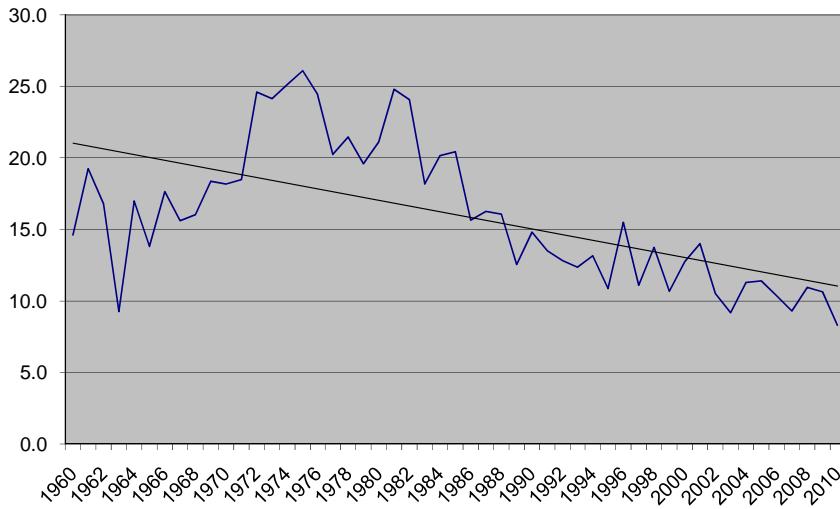
Data for Top Bucks:

Rank	Weight Live	Weight Dressed	Points	Base Left	Base Right	Length Left	Length Right	Spread
1	205	160	10	6.00	6.50	22.50	22.50	15.50
2	220	172	11	5.50	5.63	23.00	22.63	18.25
3	224	175	9	5.50	5.00	21.50	21.00	22.00
4	190	148	11	5.75	6.00	21.75	21.50	16.00
5	235	183	11	5.00	5.25	22.63	22.25	20.50
6	252	197	6	5.25	5.50	20.50	22.00	18.00
7	180	140	6	5.75	5.75	20.50	21.00	15.75
8	205	160	10	4.75	4.50	27.00	24.00	19.00
9	210	164	13	5.50	5.50	21.25	20.25	15.25
10	185	144	11	0.00	5.50	20.00	22.50	13.25

Index rating formula : ((length + spread) * base) + points

Figure 2.

Long term WMA managed hunt Effort/kill, 1960-2010



General comments from LDWF WMA biologists

Comments from Annual Thistlethwaite Report: The sixth year of antler restrictions produced several older age class bucks and overall harvest was up by 69 deer for Thistlethwaite WMA from the previous season. The 2010 deer season exceeded the ten year average by 17 deer. Antler restrictions (ARs) for Thistlethwaite WMA state a legal buck must have four points on one side that are at least one inch long or spike antlers. After having our best percentage of 2.5 year old and older bucks in 2009 (50%) success slipped back down to 34% in 2010. However, overall harvest was up 62% with many six month old and 1.5 year old deer boosting the harvest. High productivity which is supported by lactation data for 2.5 yr + females helps contribute to the high harvest of younger deer each year. Also, antler restrictions cannot protect 6 month old deer and spikes. While the AR has no bearing on the percentage of six month old bucks, the six years post AR have reduced the 1.5 year old buck harvest by 7% compared to the ten years pre-AR. The harvest of antlerless six month old and 1.5 year old spike bucks continues to impact the percentage per age class for bucks harvested. Due to the removal of this segment of younger bucks, gains in age class have been realized at a slower rate. The 3.5 yr and older buck harvest has increased by 12% when compared to the ten years pre-AR. These gains are modest but they represent a positive change in age related harvest. In addition to these gains in age structure we have experienced an overall harvest that exceeds our current ten year average and even the ten year average pre antler restriction. Most hunters remain favorable towards the current antler restrictions in place. Maintaining a healthy and productive herd remains a primary objective. The current season and harvest has met those goals through adequate harvest (Johnathan Bordelon).

Comments from Annual Coordination Report Sherburne WMA: WMA Deer hunters were allowed to pursue deer an extra nine days on Sherburne WMA during the 2010-2011 season. An additional 600 hunter efforts were recorded during this time and 80 deer were harvested during the added time frame. The overall harvest was up by over 200 deer from the previous season with added days and better harvest success contributing to the increase (Johnathan Bordelon).



Table 4. 2010 WMA either sex hunt weekends¹.

WMA	Hunter efforts	Total harvest	Bucks	Does	Efforts per deer
Loggy Bayou	NA				#VALUE!
Jackson Bienville (20-21 Nov)	563	127	73	54	4.4
Tunica Hills	319	34	13	21	9.4
Ben's Creek	423	13	4	9	32.5
Sandy Hollow	110	2	2	0	55.0
Maurepas Swamp	520	36	18	18	14.4
Pearl River	292	6	3	3	48.7
Attakapas	195	13	5	8	15.0
Attakapas (3-5 Dec)	96	6	4	4	16.0
Grassy Lake	973	131	53	78	7.4
Pomme de Terre	372	51	22	29	7.3
Sherburne	1714	141	68	73	12.2
Sherburne (4-5 Dec)	519	45	21	24	11.5
Spring Bayou	483	39	22	17	12.4
Thistlewaite (4-5 Dec)	445	25	3	22	17.8
Thistlewaite	708	60	27	33	11.8
Pearson Ridge (Oct 30-31)	closed				#VALUE!
Pearson Ridge	802	121	48	73	6.6
Clear Creek(Oct 30-31)	819	182	100	82	4.5
Clear Creek	905	82	24	58	11.0
West Bay (Oct 30-31)	750	125	75	50	6.0
West Bay	1022	43	15	28	23.8
Fort Polk	1815	205	99	106	8.9
Fort Polk (Oct 30-31)	780	130	71	59	6.0
Union (Oct 30-31)	484	57	37	20	8.5
Ouachita	484	78	44	34	6.2
Bayou Macon (13-14 Nov)	338	52	21	31	6.5
Russel Sage	635	102	61	41	6.2
Boeuf	1647	265	143	122	6.2
Red/Three Rivers	3024	260	127	133	11.6
Buckhorn	403	103	56	47	3.9
Big Lake	727	83	32	51	8.8
Sicily Island	256	31	11	20	8.3
Sabine (23-24 Oct)	181	26	14	12	7.0
Alexander State Forest (9-10 Oct)	224	24	12	12	9.3
Alexander State Forest (6-7 Nov)	152	28	16	12	5.4
Dewey Wills (11-12 Dec)	868	167	84	83	5.2
Camp Beauregard (26-27 Nov)	654	103	50	53	6.3
Camp Beauregard (11-12 Dec)	223	23	12	11	9.7
	24925	3019			8.3
2009 Managed Either Sex Deer Hunts	27,643	2,603	0.01		10.6
2008 Managed Either Sex Deer Hunts	28,363	2,589	-0.16		11.0
2007 Managed Either Sex Deer Hunts	28,813	3,094	-0.04		9.3
2006 Managed Either-Sex Deer Hunts	30,008	2,895	-0.02		10.4
2005 Managed Either-Sex Deer Hunts	30,649	2,689	0.07		11.4

1= Thanksgiving hunts unless otherwise noted

DMAP and LADT

DMAP and LADT have been combined and reorganized. Only the DMAP abbreviation will be used next year and there will be 4 levels of participation. DMAP continues to be the most important source of biological information LDWF can attain on private lands, and we encourage hunters and managers to continue their participation in this program. Efforts to increase site visits and other services to these participants have been initiated. Technical assistance is available to anyone that requests it and we encourage hunters to collect herd health data including jaw bones, antler measurements, weights and lactation data, whether in a program or not. Providing these data to the Department greatly increases our ability to monitor deer and habitat conditions across the state and to monitor trends in deer quality and productivity. In 2010-11, there were 879,546 acres enrolled in DMAP, a program in which cooperators provide full harvest data to the Department. An additional 758,642 acres were enrolled in LADT. These acreages were similar to last year's enrollment. The total programs harvest was 17,740 (+1%) deer for the 2010/11 season. The DMAP harvest sex ratio was 37% bucks and 63% does, similar to last year. During the past 10 years, the upland hardwood habitat type has recorded the highest avg. deer kill per acre (Figure 3). DMAP harvest data by habitat type (Figure 4) is presented in Appendix 2-9.

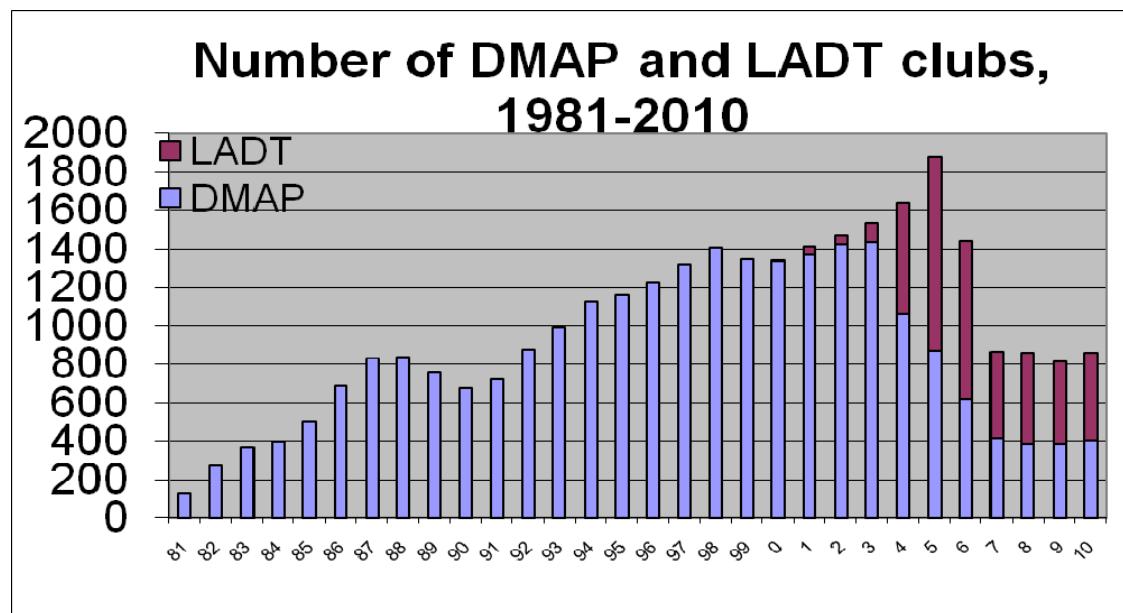


Figure 3.

Habitat Type/Ac./Kill	2010-11	10-yr Av.
Upland Hardwood	53	47
Bottomland Hardwood	70	75
NW Pine/Hardwood	114	93
SE Pine/Hardwood	112	84
Historic Longleaf	131	138
Swamp Hardwood	147	123
Longleaf Flatwoods	167	138
Coastal Marsh	255	182
Coastal Prairie	524	522

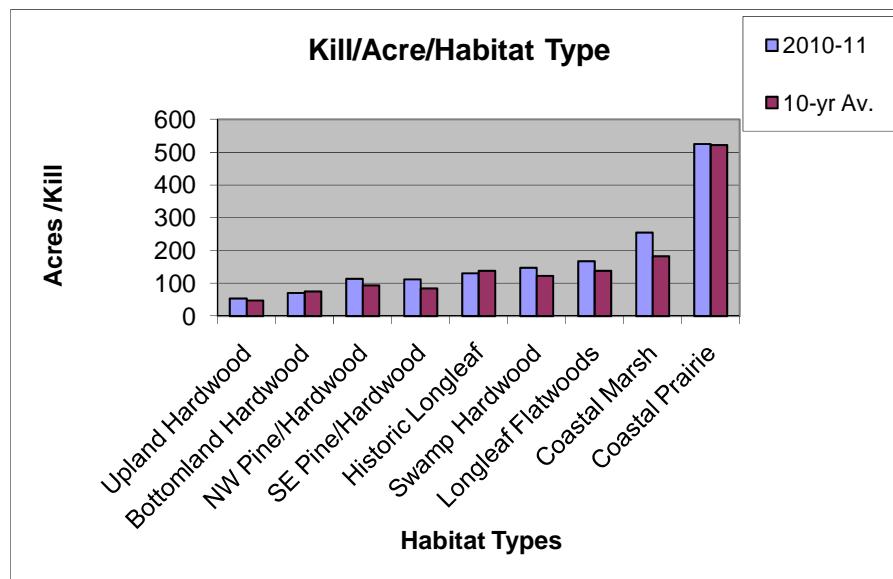


Figure 4.



Habitat Type	% State Habitat	Acres	% DMAP Habitat	Acres	% LADT Habitat	Acres
Bottomland Hrdw.	25%	4,250,000	9.85%	419,043	1.37%	233,612
NW Pine/Hrdw.	18%	3,060,000	4.27%	130,678	1.61%	274,454
Hist.Longleaf	17%	2,890,000	1.55%	44,730	1.16%	196,861
Coastal Marsh	14%	2,380,000	4.33%	103,237	0.17%	29,398
Coastal Prairie	8%	1,360,000	0.01%	1,047	0.06%	9,465
Swamp Hrdw.	6%	1,020,000	2.80%	28,603	0.03%	5,833
SE Pine/Hrdw.	5%	850,000	12.51%	106,327	0.03%	4,661
Longleaf Fltwds.	5%	850,000	1.43%	12,155	0%	0
Upland Hrdw.	1%	170,000	16.29%	27,694	0.01%	1,925
Streambtm. Hrdw.	1%	170,000	0%	0	0%	0
LOUISIANA	100%	17,000,000	5.14%	873,514	4.45%	756,209

Big Game Records

The Louisiana Big Game Record's annual recognition list (Table 5.) included 57 entries for 2010-11. Anecdotal reports and internet sites also continue to report more big deer being harvested. Each year, LDWF and other certified measurers score antlers for hunters. The minimum entries are:

Gun	Recognition	LA state records*	Boone and Crockett
Typical	130	160	170
Non-typical	165	185	195

*also qualifies for Boone and Crockett recognition program

Archery	Recognition	LA state records*	Pope and Young
Typical	90	110	125
Non-typical	100	140	155

Muzzleloader	Recognition	LA state records*	Longhunter Society
Typical	110	120	130
Non-typical	130	150	160

Table 5. Louisiana Big Bucks, 2010-11.

All of these deer have been officially scored by state measurers.

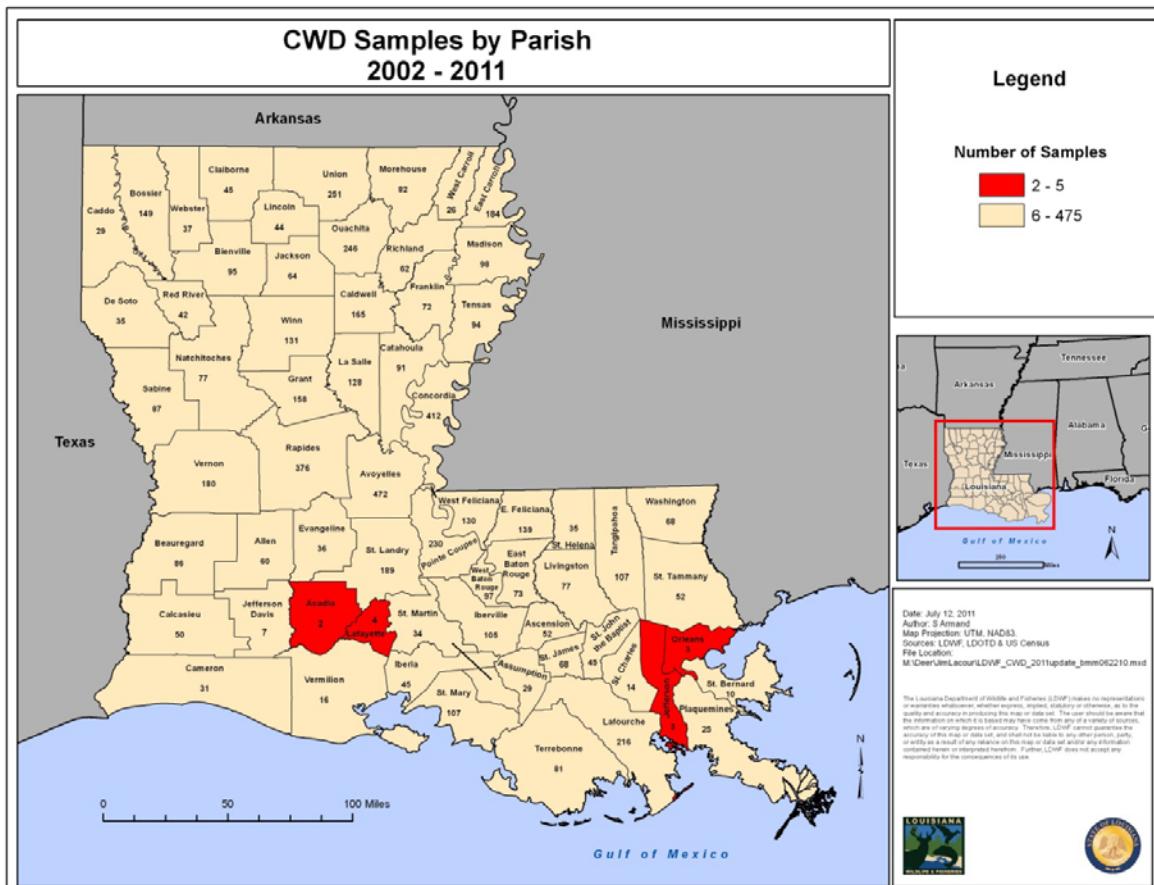
Hunter	Score	Category	Weapon	Date	Parish
Kenneth Bordelon	209 3/8	non-typical	gun	1/3/2011	Avoyelles
Spencer Bishop	190 7/8	non-typical	gun	1/3/2011	Avoyelles (youth)
Kevin Breaux	176 5/8	typical	gun	1/14/2011	St. Mary
Kevin Kron	175	non-typical	gun	12/11/2010	St. Helena
John Preaus	172 7/8	typical	gun	11/27/1965	Union
Cory Coreil	166	non-typical	gun	11/26/2010	West Feliciana
Jude Newton	165 2/8	non-typical	gun	12/24/2010	Avoyelles
Anthony Plattsmaier	163 6/8	typical	gun	3/11/2011	St. Landry
Roy L. Cole	162	typical	gun	11/8/2010	Webster
Wiley Averett	156 4/8	typical	gun	1/1/2011	Concordia (RRWMA)
Steven Smith	154 7/8	typical	gun	12/27/2010	West Feliciana
Richie Schaefer	153 7/8	typical	gun	12/23/2010	St Tammany
Jude Gremillion	153 7/8	typical	gun	1/15/2000	Avoyelles
Greg Gagnard	151 5/8	typical	bow		Avoyelles
Mitchell Ritchie	151 3/8	typical	gun	10/7/2010	West Carroll
Wendall Juneau	150 1/8	typical	bow	10/5/10	Pt. Coupee
Tommy Calandro	148	typical	gun	11/27/2010	EBR
Joe Greco	147 6/8	typical	gun	10/25/2010	W. Feliciana
Lance Gautreaux	145 5/8	typical	gun	12/19/2010	St. Landry
Tony Morehead	145 3/8	typical	gun	12/30/2010	Webster
Chris Lebleu	143 7/8	typical	gun	1/6/2011	St. Landry (Thistlethwaite WMA)
Mike Lovelace	143 5/8	typical	gun	12/18/2010	Avoyelles
Found dead (C. Hymel)	143 4/8	typical	found dead	11/1/2010	Concordia (Red River WMA)
Eugene Brady	143 2/8	typical	gun	12/21/2010	St. John
Wade Hargrave	143 1/8	typical	gun	1/9/2011	Rapides
Michael Nicolosi	142 4/8	typical	bow	10/19/2010	East Feliciana
Kris Melancon	141 2/8	typical	gun	11/19/2010	Concordia
Wendall Juneau	141	typical	bow	11/30/2010	Pt. Coupee
Greg Gravois	140 2/8	typical	bow	10/29/10	St. Mary (ADWMA)
Calvin Ardoin	139 7/8	typical	gun	1/8/2011	Concordia
Lou Blanda	139 7/8	typical	gun	1/12/2011	Avoyelles
Victor Barres	139 6/8	typical	gun	12/13/2010	Tensas
Bubba Jumonville	137 2/8	typical	gun	1/2011	Pointe Coupee
Andrew LaFleur	136 4/8	typical	gun	11/1/2009	Beauregard
Leonard Tassin	136	typical	gun	1/1/2011	Avoyelles (Spring Bayou WMA)
Elizabeth Aldridge	134 7/8	typical	gun	12/23/2010	East Feliciana
Allen Gaspard	133 6/8	typical	gun	11/5/2010	Avoyelles (Spring Bayou WMA)
Rob Schexnayder	133 2/8	typical	gun	1/7/2011	Avoyelles (Spring Bayou WMA)
Maurice D'Aquin	133	typical	gun	2010	Washington
Eric Brabham	132 1/8	typical	bow	12/25/2010	Tensas
Brandon Fontenot	131 2/8	typical	gun	12/31/2010	St. Landry (Thistlethwaite WMA)
Rick Hunt	130 7/8	typical	gun	12/16/2010	Washington
E.J Loupe	130 1/8	typical	gun	1960s	Pointe Coupee
H. C. Lewis	127 6/8	typical	bow	10/5/2010	Tensas
Eric Searcy	124 5/8	typical	cross bow	10/29/2010	West Raton Rouge
Craig Leader	123 6/8	typical	primitive	1/11/2011	Concordia (RRWMA)
Brian Williamson	123	typical	bow	1/6/2011	Avoyelles
Jeff Dupont	121 4/8	typical	bow	12/27/2010	Avoyelles (Pomme de Terre WMA)
Troy LaBorde	121	typical	bow	11/12/2010	West Feliciana
Al Dugas	120 3/8	typical	bow	1/13/2011	Avoyelles
Raymond Myrick	118 5/8	typical	primitive	1/5/2011	Tensas
Richard Dugas	116 5/8	typical	bow	2011	Avoyelles
David Toth	115 6/8	typical	bow	1/11/2011	West Feliciana
Ronnie Swayze	115	typical	bow	12/14/2010	Tensas
Curtis Hymel	114 6/8	typical	bow	12/26/2010	Concordia (Bayou Cocodrie NWR)
David Saale	114 3/8	typical	cross bow	12/20/2010	West Feliciana
Allen Gaspard	110 5/8	typical	bow	11/5/2010	Avoyelles (Spring Bayou WMA)

Disease

Disease monitoring is administered by the LDWF wildlife veterinarian and accomplished through necropsy efforts of sick or dead individuals when observed by Department personnel or when reported by the public. Herd health collections and managed hunts provide additional data and sampling opportunity. Biological samples are sent to the Southeastern Cooperative Wildlife Disease Study (SCWDS) at the University of Georgia, or to LSU's School of Veterinary Medicine for diagnostic testing.

During the 2009-2010 biological year, remarkably few diseased deer were presented to the LDWF. Anecdotal and confirmed reports of Epizootic Hemorrhagic Disease (EHD)-affected deer came from St. Mary, St. Tammany, and Rapides Parishes. Deer having cutaneous fibromas were reported in moderate numbers. Serology demonstrated exposure of white-tailed deer to EHD, Blue-tongue Virus and several serovars of Leptospira organisms. Additionally, 480 samples were collected for Chronic Wasting Disease analysis at SCWDS. No samples tested positive. This brings the total number of wild white-tailed deer tested in Louisiana to 7105 animals since the inception of the program. Statewide distribution of samples is shown in Figure 7.

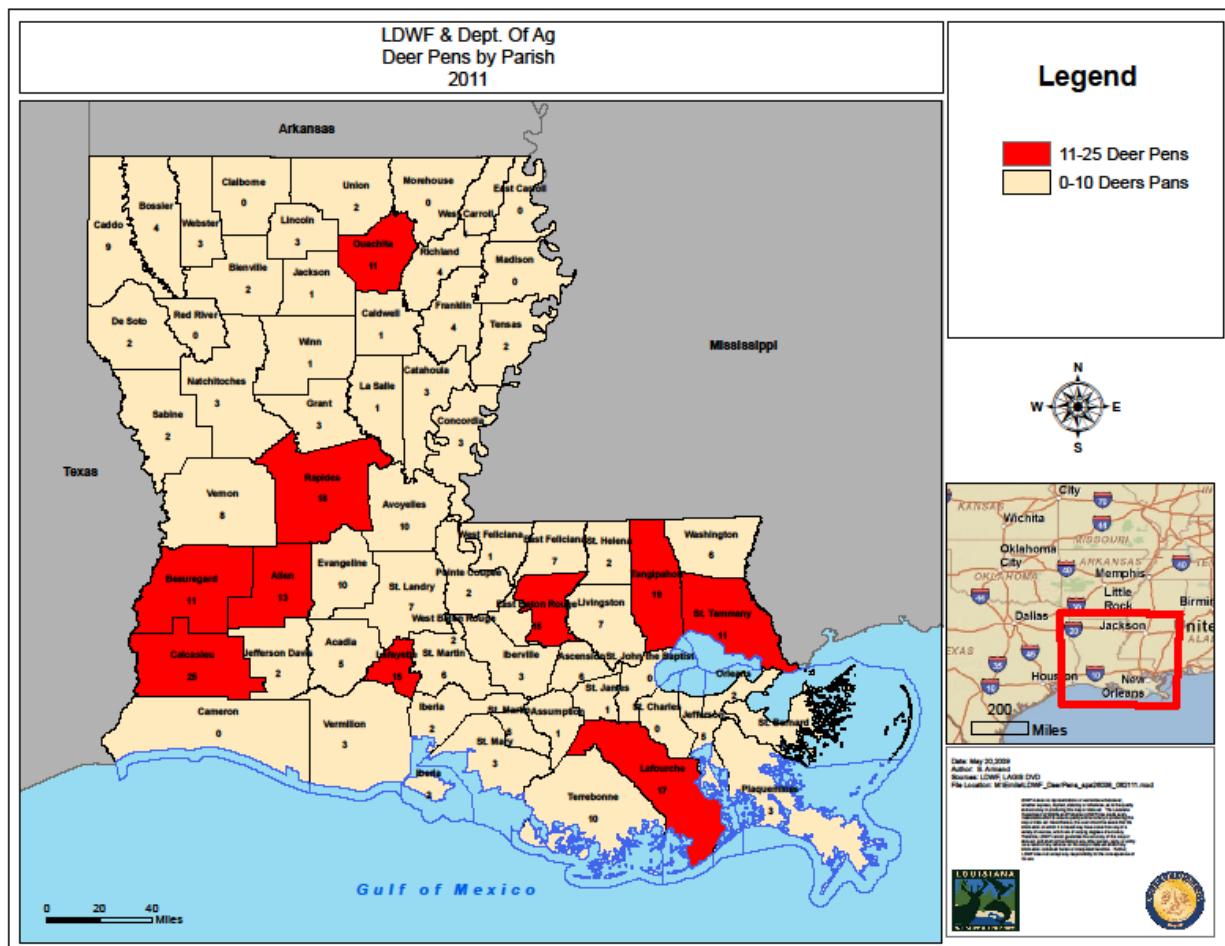
Figure 7.



Deer Pens

Commercial deer pens are regulated by the Louisiana Department of Agriculture and there is at least 1 facility in almost every parish (Figure 8). There are 305 licensed high fenced enclosures in the state. Importing cervids from other states is prohibited by the Louisiana Department of Wildlife and Fisheries due to disease and other long term population threats.

Figure 8.



Appendix 1. Deer harvest by parish as recorded through the LDWF tagging system, Mar. 1, 2011.
2010/11 deer season

Parish	People per Sq Mi ¹	Acres ¹ Land area	Forested land	Forested ² acres	Non-program private land	Public land	WMA managed	Programs DMAP/LADT	Total	Acre per deer harv.	Forested acre per deer harv. ⁵
Acadia	90	419379	0.24	100532	172	9	0	2	183	2292	549
Allen	33	489280	0.70	343916	1101	261	125	188	1675	292	205
Ascension	262	186560	0.48	88660	311	9	10	44	374	499	237
Assumption	69	216768	0.52	112409	354	22	0	56	432	502	260
Avoyelles	50	532736	0.37	196104	1433	508	209	674	2824	189	69
Beauregard	28	742464	0.80	592461	1751	114	0	566	2431	305	244
Bienvenue	19	518810	0.87	451470	2849	266	63	1161	4339	120	104
Bossier	117	537152	0.68	365219	2852	281	0	410	3543	152	103
Caddo	286	564480	0.56	313620	1736	42	0	120	1898	297	165
Calcasieu	171	685504	0.39	270336	579	44	0	69	692	991	391
Caldwell	20	338816	0.76	256017	1560	165	253	148	2126	159	120
Cameron	8	840320	0.00	0	141	12	0	15	168	5002	0
Catahoula	16	450368	0.41	183159	760	198	15	217	1190	378	154
Claiborne	22	483008	0.90	435693	3551	216	0	570	4337	111	100
Concordia	29	445376	0.38	170753	483	410	255	518	1666	267	102
DeSoto	29	561408	0.78	437109	2503	79	0	173	2755	204	159
E. Baton Rouge	907	291456	0.41	120883	526	11	0	295	832	350	145
E. Carroll	22	269696	0.13	34026	480	49	52	801	1382	195	25
E. Feliciana	47	290176	0.70	204297	1257	24	0	448	1729	168	118
Evangeline	53	425152	0.49	209704	1131	33	0	100	1264	336	166
Franklin	34	399104	0.27	108819	616	67	0	294	977	408	111
Grant	29	412864	0.84	346030	1051	405	127	33	1616	255	214
Iberia	127	368064	0.28	101286	296	111	0	58	465	792	218
Iberville	54	395904	0.65	257875	2067	244	153	979	3443	115	75
Jackson	27	364608	0.86	314611	2240	316	63	162	2781	131	113
Jeff. Davis	48	417472	0.14	58574	284	5	0	48	337	1239	174
Jefferson	1484	196160	0.11	21181	87	20	0	0	107	1833	0
La Salle	23	399232	0.86	341475	982	201	175	35	1393	287	245
Lafayette	706	172672	0.13	22492	16	2	0	0	18	9593	1250
Lafourche	83	694208	0.15	104618	501	53	0	307	861	806	0
Lincoln	90	301696	0.78	234787	1653	37	0	85	1775	170	132
Livingston	142	414720	0.76	316643	1031	79	0	40	1150	361	275
Madison	22	399424	0.26	105549	965	439	0	847	2251	177	47
Morehouse	39	508352	0.36	180565	1895	107	0	303	2305	221	78
Natchitoches	31	803520	0.70	559577	2514	523	0	131	3168	254	177
Orleans	2684	115558	0.00	0	30	1	0	0	31	3728	0
Ouachita	241	390739	0.64	249628	1135	152	156	212	1655	236	151
Plaquemines	32	540544	0.03	13902	145	9	0	13	167	3237	0
Point Coupee	41	356672	0.40	141702	1171	179	0	693	2043	175	69
Rapides	96	846400	0.66	562213	1794	300	51	269	2414	351	233
Red River	25	249152	0.55	137864	710	36	0	85	831	300	166
Richland	38	357440	0.23	80838	780	23	0	209	1012	353	80
Sabine	27	553792	0.80	445625	2448	225	26	89	2788	199	160
St. Bernard	145	297600	0.11	31374	23	2	0	20	45	6613	0
St. Charles	169	181504	0.22	39884	132	55	0	8	195	931	205
St. Helena	26	262,000	0.79	206615	770	29	0	332	1131	232	183
St. James	86	157504	0.47	73254	269	86	0	116	471	334	156
St. John	197	140096	0.46	64132	242	82	0	10	334	419	192
St. Landry	94	594368	0.28	167290	1741	101	153	382	2377	250	70
St. Martin	66	473536	0.63	296426	919	459	0	298	1676	283	177
St. Mary	87	392192	0.33	131208	1093	171	129	69	1462	268	0
St. Tammany	224	546688	0.63	346369	530	195	3	116	844	648	410
Tangipahoa	127	505728	0.60	305468	759	69	11	108	947	534	323
Tensas	11	385600	0.30	113863	934	301	192	1483	2910	133	39
Terrebonne	83	803136	0.16	129697	500	14	0	29	543	1479	0
Union	26	561664	0.85	478170	4287	356	57	930	5630	100	85
Vermilion	46	751232	0.10	77283	182	3	0	11	196	3833	0
Vernon	40	850176	0.90	767517	3164	773	630	341	4908	173	156
W. Baton Rouge	113	122368	0.48	58788	515	12	0	618	1145	107	51
W. Carroll	34	230016	0.19	44517	286	1	0	2	289	796	154
W. Feliciana	37	259840	0.63	162679	1712	139	88	598	2537	102	64
Washington	66	428544	0.70	301547	1279	85	8	31	1403	305	215
Webster	70	380928	0.75	286922	2795	231	0	397	3423	111	84
Winn	18	608320	0.90	546508	2273	291	0	374	2938	207	186
Totals		27764669	0.51	14221733	74346	9742	3004	17740	104832	265	136
				change	-5%	8%	28.7%	1%	-2%		

1= <http://quickfacts.census.gov/qfd/states/22000.html>

2= USDA, Forest Inventory mapmaker, 2007

3= voluntary check in

5= coastal marsh and some prairie parishes excluded from this index. Some agriculture parishes may be biased high.

Additional deer added to WMA managed column where complete harvest data was received by hunters. These deer which would have also been reported through the system were subtracted from the public land column in the parish that the WMA is listed under except Maurepas which was selected by biologists to avoid double counting. This only occurs in some Old Region 7 WMAs

Bens Creek-5

Joyce-11

Maurepas-1

Pearl River-3

Tunica Hills-67

Appendix 2. DMAP Upland hardwood harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	196	199	216	240	272	426	557	432	488	480	351
Does	327	363	321	454	479	687	752	789	821	732	573
Acres/Deer	53	41	55	51	51	44	43	43	43	44	47
% .5 Bucks	9	10	9	10	10	11	11	11	13	14	11
% 1.5 Bucks	22	20	25	35	41	29	33	35	28	31	30
% Spikes	67	60	66	63	60	73	66	72	54	49	63
Avg Weight	109	117	121	116	114	115	111	110	118	119	115
Avg Points	2.9	3.3	3.1	2.9	3.2	2.7	3.0	2.8	3.4	3.6	3.1
Avg Base	2.2	2.5	2.0	2.0	2.5	2.5	2.2	2.3	2.7	2.7	2.4
Avg Length	5.0	6.4	5.5	5.3	6.5	5.0	5.5	5.2	6.5	6.1	5.7
Avg Spread	4.7	6.5	6.3	5.4	6.3	5.6	6.1	5.7	6.3	6.4	5.9
% 2.5 Bucks	17	15	21	17	22	32	32	30	33	32	25
Avg Weight	144	148	147	142	148	153	149	150	150	151	148
Avg Points	7.0	7.8	7.1	7.0	7.1	7.4	7.5	7.4	7.6	7.2	7.3
Avg Base	3.5	3.5	3.6	3.2	3.7	3.8	3.6	3.7	3.7	3.7	3.6
Avg Length	13.6	14.6	14.3	12.9	14.1	14.1	14.2	14.2	14.3	14.1	14.0
Avg Spread	11.1	12.0	11.7	11.1	11.9	12.2	12.3	11.7	11.9	12.1	11.8
% 3.5 Bucks	19	30	30	21	14	17	15	14	17	16	19
Avg Weight	167	162	159	162	175	170	169	167	173	164	167
Avg Points	8.3	7.9	7.8	7.7	8.7	8.3	8.4	8.0	8.1	7.6	8.1
Avg Base	4.2	4.1	3.8	4.0	4.3	4.2	4.1	4.2	4.2	4.1	4.1
Avg Length	17.7	16.0	16.1	16.2	17.7	16.3	16.3	16.1	15.7	15.5	16.4
Avg Spread	13.8	13.4	13.6	13.0	15.1	13.8	13.4	13.1	12.7	12.6	13.5
% 4.5+ Bucks	33	25	15	18	13	11	8	11	9	7	15
Avg Weight	188	190	193	181	179	178	169	177	180	183	182
Avg Points	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Avg Base	4.8	5.0	4.8	4.6	4.5	4.6	4.5	4.6	4.8	4.7	4.7
Avg Length	19.5	20.0	19.2	18.6	17.9	17.3	17.0	17.8	17.9	18.0	18.3
Avg Spread	15.4	16.2	15.7	14.6	14.5	14.1	14.0	14.0	14.9	14.6	14.8
% Lactation											
1.5	7	17	13	14	13	13	11	10	13	15	13
2.5	59	61	63	58	57	69	60	52	60	56	60
2.5+	64	62	64	66	66	72	67	62	66	65	65
3.5+	66	63	64	69	70	72	70	67	69	70	68
Doe Age-Wgt											
% 0.5	4	12	8	10	12	13	13	12	13	14	11
% 1.5	28	20	25	23	26	19	17	24	18	22	22
% 2.5	15	22	20	16	23	27	30	24	25	24	23
% 3.5+	52	46	46	51	38	41	40	40	44	40	44
Wght 0.5	63	67	70	68	63	60	61	64	60	62	64
Wght 1.5	94	103	101	97	100	98	98	98	98	102	99
Wght 2.5	109	113	112	111	109	111	109	111	110	110	111
Wght 3.5+	114	120	120	116	119	118	117	115	119	116	117

Appendix 3. DMAP Bottomland hardwood harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	2178	2184	2211	2606	2731	3606	3389	4233	4048	4666	3185
Does	3856	3387	3706	4265	5059	5872	6597	8238	7718	7808	5651
Acres/Deer	70	74	78	70	75	74	76	79	78	71	75
% .5 Bucks	4	4	4	6	7	6	7	8	8	6	6
% 1.5 Bucks	12	9	17	19	20	18	20	23	19	25	18
% Spikes	79	60	68	74	59	63	65	59	59	65	65
Avg Weight	113	120	121	122	124	122	120	127	125	119	121
Avg Points	2.7	3.5	3.1	2.9	3.4	3.1	3.2	3.4	3.4	3.1	3.2
Avg Base	2.1	2.2	2.0	2.1	2.0	2.2	2.1	2.3	2.4	2.1	2.2
Avg Length	5.2	7.1	5.6	5.8	6.4	5.9	5.7	6.2	6.1	5.7	6.0
Avg Spread	6.0	6.9	6.3	6.0	6.3	6.0	6.9	6.8	7.1	6.3	6.5
% 2.5 Bucks	18	16	19	17	23	22	19	21	25	29	21
Avg Weight	157	153	154	155	156	153	156	157	160	154	156
Avg Points	6.8	7.1	6.7	6.8	6.9	6.9	6.9	7.0	7.2	7.0	6.9
Avg Base	3.4	3.5	3.5	3.5	7.5	3.5	3.4	3.5	3.6	3.4	3.9
Avg Length	14.4	14.6	14.0	14.5	14.1	13.9	13.9	13.8	14.5	13.9	14.2
Avg Spread	11.7	12.0	11.8	12.3	12.0	11.5	11.9	11.7	12.3	11.6	11.9
% 3.5 Bucks	32	32	29	28	26	26	27	29	30	27	29
Avg Weight	183	172	174	175	173	174	175	175	174	172	175
Avg Points	7.9	7.8	7.6	7.7	7.8	7.6	7.6	7.7	7.9	7.8	7.7
Avg Base	4.2	4.0	4.0	4.0	4.0	4.0	3.9	4.0	4.0	3.9	4.0
Avg Length	17.6	16.9	16.5	16.7	17.1	16.5	16.6	16.4	16.4	16.2	16.7
Avg Spread	14.3	14.0	13.8	13.9	14.0	13.6	13.7	13.3	13.7	13.3	13.8
% 4.5+ Bucks	33	39	30	30	23	27	28	19	18	13	26
Avg Weight	200	193	192	194	197	192	188	192	188	187	192
Avg Points	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Avg Base	4.7	4.6	4.5	4.5	4.5	4.4	4.4	4.4	4.4	4.3	4.5
Avg Length	20.1	19.7	19.1	19.7	19.9	19.2	18.8	18.5	18.3	18.3	19.2
Avg Spread	16.1	16.1	15.8	16.0	16.4	15.7	15.5	15.3	15.1	15.1	15.7
% Lactation											
1.5	11	13	12	15	19	18	15	18	19	15	16
2.5	55	57	50	54	57	60	53	54	52	49	54
2.5+	61	63	57	65	66	67	60	63	61	58	62
3.5+	63	65	60	69	69	70	61	66	64	62	65
Doe Age-Wgt											
% 0.5	7	9	7	8	8	9	9	10	10	8	9
% 1.5	22	17	26	24	24	20	22	23	20	24	22
% 2.5	27	24	20	21	22	21	19	19	21	24	22
% 3.5+	44	50	47	47	45	49	50	48	49	44	47
Wght 0.5	68	64	67	67	65	65	65	67	64	62	65
Wght 1.5	100	102	100	103	103	102	100	103	102	100	102
Wght 2.5	115	112	111	113	112	113	111	113	113	112	113
Wght 3.5+	122	120	120	120	121	121	119	120	120	120	120

Appendix 4. DMAP Northwest mixed pine hardwood harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	397	402	416	365	462	803	1253	2657	2910	2989	1265
Does	785	681	678	558	678	1136	1837	3390	3846	3517	1711
Acres/Deer	114	93	81	89	87	105	100	89	79	89	93
% .5 Bucks	8	9	12	11	11	11	11	12	11	9	11
% 1.5 Bucks	16	18	23	28	44	36	38	44	46	43	34
% Spikes	64	65	46	56	56	47	53	46	43	60	54
Avg Weight	112	111	117	114	119	120	119	125	124	120	118
Avg Points	2.9	3.0	3.5	3.0	3.2	3.5	3.3	3.5	3.5	3.0	3.2
Avg Base	2.0	1.9	2.0	2.2	2.2	2.2	2.2	2.3	2.2	2.1	2.1
Avg Length	5.8	6.4	7.6	7.3	7.1	7.7	7.2	7.5	7.6	6.7	7.1
Avg Spread	5.5	6.2	6.5	6.3	6.3	6.6	6.6	6.8	6.9	6.3	6.4
% 2.5 Bucks	29	27	26	31	24	23	25	26	28	28	27
Avg Weight	145	143	151	144	146	147	144	151	149	144	146
Avg Points	6.4	6.4	6.6	6.6	6.2	6.4	6.2	6.4	6.3	5.9	6.3
Avg Base	3.2	3.2	3.3	3.3	3.2	3.2	3.2	3.3	3.1	3.1	3.2
Avg Length	14.1	14.3	14.3	14.8	13.6	14.0	13.4	14.1	13.4	13.1	13.9
Avg Spread	11.3	11.5	12.1	12.2	11.3	11.5	11.3	11.8	11.3	10.8	11.5
% 3.5 Bucks	26	28	29	22	15	21	21	13	12	15	20
Avg Weight	163	159	162	158	165	161	159	168	167	160	162
Avg Points	7.4	7.6	7.4	7.6	7.3	7.5	7.0	7.2	7.3	6.9	7.3
Avg Base	3.7	3.6	3.7	3.8	3.6	3.7	3.6	3.8	3.7	3.6	3.7
Avg Length	16.6	16.6	16.4	17.1	16.8	16.4	15.6	16.5	16.1	15.3	16.3
Avg Spread	12.8	13.7	13.4	13.5	13.7	13.2	13.0	13.3	13.1	12.5	13.2
% 4.5+ Bucks	21	18	11	7	6	10	5	5	3	4	9
Avg Weight	180	173	173	168	182	169	165	173	171	171	173
Avg Points	8.0	7.0	7.0	7.0	8.0	7.0	7.0	7.0	7.0	7.0	7.2
Avg Base	4.3	3.9	4.3	3.9	4.0	4.0	4.0	3.9	3.7	3.9	4.0
Avg Length	19.1	18.7	19.0	18.5	18.7	17.5	17.8	18.0	15.6	17.1	18.0
Avg Spread	16.2	15.1	15.2	14.2	15.4	13.9	14.2	14.3	13.2	13.9	14.6
% Lactation											
1.5	12	11	13	18	15	21	16	16	19	13	15
2.5	44	40	48	53	64	50	53	52	52	48	50
2.5+	54	48	58	58	63	58	54	58	56	54	56
3.5+	58	51	62	61	61	62	53	60	57	57	58
Doe Age-Wgt											
% 0.5	11	13	13	14	13	15	14	16	15	12	14
% 1.5	16	20	19	21	23	22	21	21	19	22	20
% 2.5	24	19	20	21	25	22	22	22	25	25	23
% 3.5+	49	49	48	43	39	42	44	41	41	41	44
Wght 0.5	66	72	65	65	70	64	68	68	67	66	67
Wght 1.5	98	100	100	95	100	101	102	102	105	103	101
Wght 2.5	109	109	113	108	109	111	110	113	114	112	111
Wght 3.5+	115	114	116	115	115	116	115	118	118	118	116

Appendix 5. DMAP Southeast mixed pine/hardwood harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	320	297	191	248	262	424	518	677	727	810	447
Does	633	647	414	439	502	627	818	1050	1056	1134	732
Acres/Deer	112	107	80	88	77	88	88	67	74	63	84
% .5 Bucks	12	10	16	19	18	14	12	10	15	13	14
% 1.5 Bucks	29	21	35	38	30	38	39	42	42	42	36
% Spikes	68	74	82	72	66	64	72	72	55	54	68
Avg Weight	114	112	107	110	114	118	111	113	115	116	113
Avg Points	2.8	2.8	2.4	2.7	3.0	2.9	2.6	2.7	3.2	3.2	2.8
Avg Base	2.0	2.3	1.6	1.9	2.1	2.1	2.1	2.2	2.1	2.2	2.1
Avg Length	5.2	5.6	3.4	4.7	5.7	5.9	4.6	5.1	6.2	6.1	5.3
Avg Spread	6.1	6.1	5.0	5.5	6.1	5.6	5.3	5.5	6.3	6.1	5.8
% 2.5 Bucks	11	18	17	14	18	23	23	23	22	24	19
Avg Weight	146	144	139	143	150	144	145	146	143	142	144
Avg Points	6.8	6.8	5.5	5.9	6.6	6.7	6.3	6.4	6.6	6.2	6.4
Avg Base	3.3	3.3	3.1	3.3	3.4	3.4	3.3	3.2	3.4	3.3	3.3
Avg Length	14.2	13.4	10.9	13.1	14.0	13.8	13.3	13.2	13.2	12.8	13.2
Avg Spread	11.9	11.6	10.0	10.3	11.6	10.7	10.8	10.6	11.1	10.6	10.9
% 3.5 Bucks	29	32	15	16	17	12	14	13	13	13	17
Avg Weight	156	159	162	159	161	169	161	161	159	157	160
Avg Points	7.2	7.6	7.4	7.3	8.0	7.8	7.2	7.2	7.5	7.0	7.4
Avg Base	3.6	3.8	3.9	3.7	4.1	4.2	3.7	3.9	3.9	3.6	3.8
Avg Length	15.8	16.1	15.7	16.3	17.0	17.0	15.7	15.4	16.4	14.8	16.0
Avg Spread	12.7	13.0	12.9	12.9	13.5	14.2	12.8	12.8	13.3	12.2	13.0
% 4.5+ Bucks	18	19	17	13	16	12	11	11	9	8	13
Avg Weight	167	172	173	177	173	164	169	169	166	166	170
Avg Points	7.0	8.0	7.0	7.0	8.0	8.0	8.0	8.0	8.0	8.0	7.7
Avg Base	4.3	4.6	4.4	4.4	4.5	4.3	4.3	4.4	4.3	4.4	4.4
Avg Length	18.4	19.5	17.5	19.2	19.1	17.9	18.3	18.5	17.7	18.1	18.4
Avg Spread	14.8	15.3	15.3	14.9	15.5	14.6	15.1	14.6	14.7	14.8	15.0
% Lactation											
1.5	15	12	9	12	12	8	15	15	21	13	13
2.5	61	53	44	53	55	60	54	54	62	50	55
2.5+	62	61	58	65	59	63	68	63	64	60	62
3.5+	62	65	62	68	60	62	72	66	65	64	65
Doe Age-Wgt											
% 0.5	13	11	14	17	16	17	15	15	16	13	15
% 1.5	24	18	19	21	23	22	22	24	20	24	22
% 2.5	14	21	16	17	21	21	19	17	20	21	19
% 3.5+	49	50	51	45	41	40	45	44	44	43	45
Wght 0.5	70	64	60	61	59	67	63	61	61	62	63
Wght 1.5	96	97	97	97	96	101	98	97	98	99	98
Wght 2.5	108	106	109	107	104	109	109	108	107	106	107
Wght 3.5+	114	113	112	115	113	113	113	114	111	113	113

Appendix 6. DMAP Historic Longleaf harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	146	180	214	224	335	589	1174	1807	1681	1653	800
Does	195	230	189	244	309	623	1361	1891	1943	1693	868
Acres/Deer	131	129	121	114	126	140	153	156	145	165	138
% .5 Bucks	21	20	16	8	13	11	17	15	16	15	15
% 1.5 Bucks	45	48	44	46	48	36	39	47	45	43	44
% Spikes	52	51	41	42	29	37	41	42	34	46	42
Avg Weight	112	111	121	122	121	117	113	115	118	113	116
Avg Points	3.1	3.2	3.6	3.6	4.0	3.9	3.7	3.6	3.8	3.4	3.6
Avg Base	2.1	2.2	2.3	2.3	2.4	2.3	2.3	2.1	2.3	2.1	2.2
Avg Length	6.5	7.0	7.5	8.0	8.6	8.2	7.7	7.6	7.9	7.0	7.6
Avg Spread	5.9	6.3	6.6	6.6	7.2	7.1	7.1	6.7	7.0	6.3	6.7
% 2.5 Bucks	18	19	22	27	23	31	28	24	25	24	24
Avg Weight	141	144	142	160	151	158	147	145	148	145	148
Avg Points	7.0	6.3	5.9	7.0	6.3	7.0	6.6	6.2	6.6	6.4	6.5
Avg Base	2.9	3.4	3.2	3.7	3.3	3.5	3.2	3.1	3.2	3.2	3.3
Avg Length	13.4	13.9	12.3	15.1	14.0	14.9	13.5	13.5	13.2	13.5	13.7
Avg Spread	11.4	11.8	10.1	12.7	12.1	12.5	11.7	11.2	11.3	11.6	11.6
% 3.5 Bucks	10	9	12	13	12	16	12	10	10	13	12
Avg Weight	163	160	159	166	152	172	162	164	162	161	162
Avg Points	7.3	7.8	7.7	7.1	7.5	7.7	7.5	7.5	7.5	7.6	7.5
Avg Base	3.6	4.1	3.8	3.7	3.7	4.0	3.7	3.7	3.8	3.7	3.8
Avg Length	15.7	17.5	14.9	15.3	15.3	17.0	16.1	16.3	16.5	16.8	16.1
Avg Spread	12.6	14.1	13.3	12.7	13.0	14.3	13.5	13.3	14.3	13.6	13.5
% 4.5+ Bucks	7	4	7	6	4	6	5	3	4	4	5
Avg Weight	173	184	152	160	156	177	172	179	172	166	169
Avg Points	7.0	7.0	7.0	8.0	7.0	8.0	7.0	8.0	8.0	7.0	7.4
Avg Base	4.2	4.4	3.6	3.9	3.8	4.5	4.2	4.3	4.3	4.2	4.1
Avg Length	18.1	20.6	16.4	17.6	16.0	19.2	17.3	18.5	18.7	17.9	18.0
Avg Spread	15.2	17.9	13.5	13.9	12.6	15.6	15.3	15.5	14.9	14.6	14.9
% Lactation											
1.5	24	12	26	22	34	28	23	22	29	30	25
2.5	63	53	53	65	57	48	53	49	52	52	55
2.5+	71	58	52	58	60	57	55	55	53	57	58
3.5+	73	63	49	52	62	63	55	57	52	59	59
Doe Age-Wgt											
% 0.5	22	19	15	19	20	20	23	21	20	20	20
% 1.5	21	21	28	25	25	22	23	25	22	23	24
% 2.5	23	27	22	23	26	25	23	25	25	27	25
% 3.5+	35	33	35	33	29	33	31	30	32	30	32
Wght 0.5	74	69	61	65	68	69	63	61	62	61	65
Wght 1.5	97	93	98	99	100	101	97	95	98	96	97
Wght 2.5	107	107	107	109	107	112	107	109	108	108	108
Wght 3.5+	115	113	112	116	116	121	118	116	114	116	116

Appendix 7. DMAP Swamp Hardwoods harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	85	117	159	169	205	250	319	386	301	390	238
Does	110	132	226	218	288	286	401	429	318	345	275
Acres/Deer	147	153	115	94	100	129	127	118	143	107	123
% .5 Bucks	10	6	8	6	7	13	9	9	10	8	9
% 1.5 Bucks	18	28	32	28	30	34	40	33	36	42	32
% Spikes	80	51	65	76	62	75	74	71	55	65	67
Avg Weight	118	120	114	113	117	108	106	105	108	108	112
Avg Points	2.7	4.0	2.9	2.5	3.1	2.7	2.6	2.7	3.3	2.9	2.9
Avg Base	1.9	2.2	2.1	2.0	2.2	2.1	1.7	1.9	2.2	2.0	2.0
Avg Length	4.5	5.7	5.8	4.7	5.5	5.1	4.2	4.5	6.1	5.0	5.1
Avg Spread	5.3	5.9	6.1	4.9	5.4	5.3	4.6	4.5	6.3	5.0	5.3
% 2.5 Bucks	27	27	19	23	26	24	20	28	28	23	25
Avg Weight	147	136	128	131	141	138	134	132	127	128	134
Avg Points	5.8	6.5	6.5	6.5	7.0	6.0	5.8	6.3	5.9	5.8	6.2
Avg Base	3.1	3.3	3.1	3.3	3.2	3.1	2.9	3.1	2.9	3.0	3.1
Avg Length	12.0	12.4	11.8	12.9	12.5	11.4	11.6	11.8	10.8	11.0	11.8
Avg Spread	9.8	10.3	9.9	10.7	10.3	9.9	9.7	9.5	9.0	9.0	9.8
% 3.5 Bucks	26	30	28	30	34	19	19	20	21	17	24
Avg Weight	166	167	161	161	156	150	142	148	142	143	154
Avg Points	7.8	7.4	7.4	7.3	7.4	7.8	6.6	7.5	7.0	7.1	7.3
Avg Base	3.6	3.8	3.8	3.5	3.5	3.7	3.3	3.5	3.5	3.4	3.6
Avg Length	15.5	15.4	15.4	14.7	14.9	15.5	13.3	14.5	13.5	13.6	14.6
Avg Spread	12.8	12.7	12.4	12.5	11.9	12.3	11.0	11.7	11.7	11.0	12.0
% 4.5+ Bucks	19	10	14	13	4	10	12	11	6	10	11
Avg Weight	201	190	156	164	170	144	156	156	135	149	162
Avg Points	9.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.2
Avg Base	4.6	4.3	3.8	3.8	3.9	3.9	3.7	3.8	3.5	3.7	3.9
Avg Length	19.5	19.1	15.3	16.0	17.1	15.0	15.3	16.7	14.2	14.6	16.3
Avg Spread	15.3	14.9	13.0	13.3	13.2	12.1	13.0	13.2	11.6	12.1	13.2
% Lactation											
1.5	17	5	13	9	23	11	5	14	14	24	14
2.5	53	35	31	48	52	40	46	47	47	44	44
2.5+	61	57	48	48	52	46	53	53	55	51	52
3.5+	67	65	56	48	50	47	54	53	56	54	55
Doe Age-Wgt											
% 0.5	11	13	6	13	11	8	11	11	10	11	11
% 1.5	28	39	30	24	30	29	30	25	25	24	28
% 2.5	31	15	24	27	24	24	16	21	22	23	23
% 3.5+	30	33	39	36	34	38	43	43	43	42	38
Wght 0.5	68	60	68	62	63	66	60	62	57	62	63
Wght 1.5	103	99	94	101	102	93	90	95	92	93	96
Wght 2.5	113	108	102	109	107	104	100	101	101	97	104
Wght 3.5+	117	116	108	115	113	110	104	105	105	105	110

Appendix 8. DMAP Longleaf Flatwoods harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	34	33	50	58	58	75	152	138	120	149	87
Does	39	45	75	50	52	90	150	210	172	148	103
Acres/Deer	167	156	141	160	141	145	115	112	127	117	138
% .5 Bucks	0	3	10	9	0	12	10	16	12	7	8
% 1.5 Bucks	26	21	28	46	56	53	46	38	37	40	39
% Spikes	87	85	78	68	82	81	75	83	74	61	77
Avg Weight	88	103	103	109	105	108	107	105	106	109	104
Avg Points	2.4	2.3	2.4	2.9	2.6	2.3	2.7	2.4	2.9	2.8	2.6
Avg Base	2.2	2.0	2.0	2.5	2.0	2.0	2.1	1.9	1.8	2.1	2.1
Avg Length	6.8	6.1	4.1	5.8	5.1	4.0	4.6	3.9	5.3	6.0	5.2
Avg Spread	4.8	4.6	4.7	4.8	4.9	4.3	5.1	4.4	5.6	5.4	4.9
% 2.5 Bucks	35	24	28	19	27	19	21	32	31	27	26
Avg Weight	115	129	122	134	121	126	133	138	144	136	130
Avg Points	4.3	5.8	4.4	5.9	5.4	5.4	4.9	5.3	6.6	5.3	5.3
Avg Base	2.4	2.8	2.3	3.4	2.6	3.0	2.8	3.0	3.3	2.8	2.8
Avg Length	8.1	10.2	10.4	12.9	9.3	11.8	9.7	11.2	13.8	10.1	10.8
Avg Spread	6.8	9.4	7.1	10.4	7.8	9.6	9.0	9.7	11.4	8.9	9.0
% 3.5 Bucks	18	18	24	19	15	11	14	10	12	17	16
Avg Weight	139	131	152	144	128	132	146	158	146	160	144
Avg Points	5.7	5.7	7.3	6.0	5.5	5.9	6.4	7.2	6.7	6.3	6.3
Avg Base	3.0	3.0	3.3	3.2	2.8	3.1	3.2	3.6	3.6	3.6	3.2
Avg Length	12.7	10.6	13.6	12.9	11.3	12.2	12.6	15.2	13.6	14.5	12.9
Avg Spread	10.8	9.3	11.1	10.8	9.8	9.6	10.9	12.0	11.4	12.0	10.8
% 4.5+ Bucks	21	33	10	7	2	5	9	5	9	8	11
Avg Weight	142	138	132	166	155	133	152	180	147	166	151
Avg Points	5.0	5.0	5.0	10.0	9.0	5.0	7.0	6.0	6.0	8.0	6.6
Avg Base	2.6	2.9	4.1	4.6	4.3	2.8	4.1	3.8	4.3	3.8	3.7
Avg Length	8.9	10.8	12.8	20.6	18.5	12.8	14.5	15.0	15.5	16.5	14.6
Avg Spread	8.8	9.8	12.3	16.1	15.3	13.1	11.7	12.9	13.8	13.8	12.8
% Lactation											
1.5	22	21	33	13	31	11	8	10	8	15	17
2.5	50	60	55	36	57	65	48	37	46	61	52
2.5+	69	65	62	60	54	62	55	45	45	58	58
3.5+	76	61	64	79	53	59	56	48	44	56	60
Doe Age-Wgt											
% 0.5	5	7	23	18	15	18	13	16	14	17	15
% 1.5	23	31	24	31	34	21	25	24	22	29	26
% 2.5	26	22	15	22	15	19	23	18	25	20	21
% 3.5+	46	40	38	29	36	42	39	42	39	33	38
Wght 0.5	65	58	63	65	50	62	56	58	59	59	60
Wght 1.5	73	78	86	78	84	86	86	93	98	100	86
Wght 2.5	94	95	107	99	96	94	103	102	97	106	99
Wght 3.5+	104	103	103	101	108	103	110	108	109	112	106

Appendix 9. DMAP Coastal Marsh harvest data

Table 6. Harvest History, (Weights are Live)

	10-11	09-10	08-09	07-08	06-07	05-06	04-05	03-04	02-03	01-02	Avg
Bucks	186	216	216	355	465	512	614	733	837	697	483
Does	191	272	260	512	664	820	903	1103	1185	951	686
Acres/Deer	255	238	246	157	147	147	155	159	147	168	182
% .5 Bucks	3	4	3	6	11	8	10	9	10	8	7
% 1.5 Bucks	25	22	23	24	29	31	28	31	29	37	28
% Spikes	79	67	73	81	74	76	77	81	76	76	76
Avg Weight	106	107	106	111	107	105	106	103	101	104	106
Avg Points	2.4	3.0	2.6	2.5	2.6	2.7	2.6	2.5	2.6	2.6	2.6
Avg Base	1.8	2.0	2.0	2.0	2.0	1.8	1.8	2.0	1.9	1.8	1.9
Avg Length	4.8	5.9	4.8	4.7	5.2	5.4	5.2	5.0	5.2	5.4	5.2
Avg Spread	5.2	5.4	5.2	5.3	5.2	5.4	5.3	5.3	5.7	5.2	5.3
% 2.5 Bucks	16	25	27	17	20	21	22	29	29	33	24
Avg Weight	120	134	127	134	133	129	125	127	124	128	128
Avg Points	5.3	5.8	5.0	5.4	6.1	5.6	5.4	5.4	5.9	5.9	5.6
Avg Base	2.8	3.1	3.1	2.9	3.0	3.0	2.8	3.0	3.0	3.1	3.0
Avg Length	10.7	11.6	10.9	10.8	12.1	11.0	10.3	10.8	11.0	11.8	11.1
Avg Spread	9.9	9.9	9.1	9.2	10.1	9.0	9.0	9.4	9.7	9.9	9.5
% 3.5 Bucks	36	35	34	36	24	25	27	22	21	13	27
Avg Weight	150	155	150	150	149	144	147	141	136	143	147
Avg Points	7.8	7.8	7.8	7.4	7.4	7.5	7.3	7.2	7.0	7.1	7.4
Avg Base	3.7	3.9	3.8	3.7	3.7	3.7	3.6	3.6	3.5	3.5	3.7
Avg Length	15.0	15.9	16.0	14.6	15.3	14.8	13.9	14.1	13.9	13.9	14.7
Avg Spread	12.6	13.0	12.9	12.0	12.7	12.2	11.6	11.8	11.4	11.5	12.2
% 4.5+ Bucks	20	15	14	18	16	14	12	10	10	10	14
Avg Weight	163	160	161	162	156	150	149	146	143	143	153
Avg Points	8.0	7.0	8.0	8.0	7.0	7.0	7.0	7.0	6.0	7.0	7.2
Avg Base	4.4	4.2	4.1	4.2	4.2	4.1	3.8	3.9	4.0	4.2	4.1
Avg Length	17.3	17.7	16.4	17.3	16.9	16.1	15.2	14.9	15.4	15.9	16.3
Avg Spread	13.8	13.3	13.3	14.1	14.0	13.0	12.8	12.8	12.7	12.6	13.2
% Lactation											
1.5	19	11	12	13	12	12	19	14	11	13	14
2.5	46	47	27	41	49	37	35	35	29	35	38
2.5+	48	46	31	47	47	45	41	39	36	40	42
3.5+	47	45	34	50	46	47	44	40	37	43	43
Doe Age-Wgt											
% 0.5	3	7	5	9	9	13	8	9	9	9	8
% 1.5	29	21	21	26	26	21	22	25	24	27	24
% 2.5	27	30	33	22	22	21	27	26	22	33	26
% 3.5+	41	42	41	43	43	45	44	40	45	31	42
Wght 0.5	53	62	72	59	62	61	64	62	59	60	61
Wght 1.5	90	93	91	94	93	92	93	90	89	91	92
Wght 2.5	100	103	100	103	99	100	99	98	94	100	100
Wght 3.5+	105	105	108	104	103	101	104	101	99	103	103